

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Sponsor Information.

Name of Action or Project: City of Long Beach Comprehensive Plan Update ('Creating Resilience: A Planning Initiative')		
Project Location (describe, and attach a general location map): City of Long Beach, NY		
Brief Description of Proposed Action (include purpose or need): The City Council of the City of Long Beach proposes to adopt a Comprehensive Plan Update and the adoption of a new Local Waterfront Revitalization Program (LWRP) with the combined title of 'Creating Resilience: A Planning Initiative'. The Comprehensive Plan Update is an update of the City's 2007 Comprehensive Plan with a focus on addressing resiliency post-Superstorm Sandy and post-economic downturn. Both the CP and LWRP have been developed to provide short-, mid- and long-term recommendations for the protection, enhancement, growth, and development of the City of Long Beach. More information attached in the Part 1 Addendum.		
Name of Applicant/Sponsor: City of Long Beach	Telephone: 516-431-1000	
	E-Mail: pbourne@longbeachny.gov	
Address: 1 West Chester Street		
City/PO: Long Beach	State: New York	Zip Code: 11561
Project Contact (if not same as sponsor; give name and title/role): Patricia Bourne	Telephone:	
	E-Mail:	
Address:		
City/PO:	State:	Zip Code:
Property Owner (if not same as sponsor):	Telephone:	
	E-Mail:	
Address:		
City/PO:	State:	Zip Code:

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)		
Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Council, Town Board, <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No or Village Board of Trustees	City Council	March 2017
b. City, Town or Village <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Planning Board or Commission		
c. City Council, Town or <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Village Zoning Board of Appeals		
d. Other local agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
e. County agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Nassau County Planning Commission (advisory)	January 2017
f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	NYSERDA; Department of State	March 2017
h. Federal agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
i. Coastal Resources. i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No iii. Is the project site within a Coastal Erosion Hazard Area? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

C. Planning and Zoning

C.1. Planning and zoning actions.	
Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<ul style="list-style-type: none"> If Yes, complete sections C, F and G. If No, proceed to question C.2 and complete all remaining sections and questions in Part 1 	
C.2. Adopted land use plans.	
a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? Proposed action is an update to the City's 2007 Comprehensive Plan.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, identify the plan(s): _____ _____ _____	
c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, identify the plan(s): _____ _____ _____	

C.3. Zoning	
a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. If Yes, what is the zoning classification(s) including any applicable overlay district? The City of Long Beach has 20 distinct zoning districts. Each of the zoning districts includes a defined number of parcels (organized according to Section, Block, and Lot within the Code). The zoning districts include: 15 residential districts, three business districts, one mixed multifamily/business use district, and one industrial district.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
b. Is the use permitted or allowed by a special or conditional use permit?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
c. Is a zoning change requested as part of the proposed action? If Yes, i. What is the proposed new zoning for the site? _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
C.4. Existing community services.	
a. In what school district is the project site located? <u>Long Beach City School District</u>	
b. What police or other public protection forces serve the project site? <u>City of Long Beach Police Department</u>	
c. Which fire protection and emergency medical services serve the project site? <u>City of Long Beach Fire Department</u>	
d. What parks serve the project site? <u>Ocean Beach Park, Recreation Center, Veteran's Memorial Park, Georgia Playground, Magnolia Playground, Pacific Playground, Leroy Conyers Park, Sherman Brown Park, Clark Street Playground.</u>	

D. Project Details

D.1. Proposed and Potential Development	
a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? _____	
b. a. Total acreage of the site of the proposed action? _____ acres b. Total acreage to be physically disturbed? _____ acres c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ acres	
c. Is the proposed action an expansion of an existing project or use? i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____	<input type="checkbox"/> Yes <input type="checkbox"/> No
d. Is the proposed action a subdivision, or does it include a subdivision? If Yes, i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types) _____ ii. Is a cluster/conservation layout proposed? _____ iii. Number of lots proposed? _____ iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____	<input type="checkbox"/> Yes <input type="checkbox"/> No
e. Will proposed action be constructed in multiple phases? i. If No, anticipated period of construction: _____ months ii. If Yes: <ul style="list-style-type: none"> • Total number of phases anticipated _____ • Anticipated commencement date of phase 1 (including demolition) _____ month _____ year • Anticipated completion date of final phase _____ month _____ year • Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____ 	<input type="checkbox"/> Yes <input type="checkbox"/> No

f. Does the project include new residential uses? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, show numbers of units proposed.				
	<u>One Family</u>	<u>Two Family</u>	<u>Three Family</u>	<u>Multiple Family (four or more)</u>
Initial Phase	_____	_____	_____	_____
At completion of all phases	_____	_____	_____	_____

g. Does the proposed action include new non-residential construction (including expansions)? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes,	
i. Total number of structures _____ ii. Dimensions (in feet) of largest proposed structure: _____ height; _____ width; and _____ length iii. Approximate extent of building space to be heated or cooled: _____ square feet	

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes,	
i. Purpose of the impoundment: _____ ii. If a water impoundment, the principal source of the water: <input type="checkbox"/> Ground water <input type="checkbox"/> Surface water streams <input type="checkbox"/> Other specify: _____ iii. If other than water, identify the type of impounded/contained liquids and their source. _____ iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): _____	

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite) <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes:	
i. What is the purpose of the excavation or dredging? _____ ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site? • Volume (specify tons or cubic yards): _____ • Over what duration of time? _____ iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them. _____ _____ _____ iv. Will there be onsite dewatering or processing of excavated materials? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe. _____ _____ _____ v. What is the total area to be dredged or excavated? _____ acres vi. What is the maximum area to be worked at any one time? _____ acres vii. What would be the maximum depth of excavation or dredging? _____ feet viii. Will the excavation require blasting? <input type="checkbox"/> Yes <input type="checkbox"/> No ix. Summarize site reclamation goals and plan: _____ _____ _____ _____	

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes:	
i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____ _____ _____	

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

iii. Will proposed action cause or result in disturbance to bottom sediments? ☐ Yes ☐ No
If Yes, describe: _____

iv. Will proposed action cause or result in the destruction or removal of aquatic vegetation? ☐ Yes ☐ No
If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____
- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance: _____

c. Will the proposed action use, or create a new demand for water? ☐ Yes ☐ No
If Yes:

i. Total anticipated water usage/demand per day: _____ gallons/day

ii. Will the proposed action obtain water from an existing public water supply? ☐ Yes ☐ No
If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? ☐ Yes ☐ No
- Is the project site in the existing district? ☐ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☐ No
- Do existing lines serve the project site? ☐ Yes ☐ No

iii. Will line extension within an existing district be necessary to supply the project? ☐ Yes ☐ No
If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____
- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? ☐ Yes ☐ No
If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

v. If a public water supply will not be used, describe plans to provide water supply for the project: _____

vi. If water supply will be from wells (public or private), maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? ☐ Yes ☐ No
If Yes:

i. Total anticipated liquid waste generation per day: _____ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): _____

iii. Will the proposed action use any existing public wastewater treatment facilities? ☐ Yes ☐ No
If Yes:

- Name of wastewater treatment plant to be used: _____
- Name of district: _____
- Does the existing wastewater treatment plant have capacity to serve the project? ☐ Yes ☐ No
- Is the project site in the existing district? ☐ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☐ No

<ul style="list-style-type: none"> • Do existing sewer lines serve the project site? _____ • Will line extension within an existing district be necessary to serve the project? _____ <p>If Yes:</p> <ul style="list-style-type: none"> • Describe extensions or capacity expansions proposed to serve this project: _____ 	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? _____	
If Yes: <ul style="list-style-type: none"> • Applicant/sponsor for new district: _____ • Date application submitted or anticipated: _____ • What is the receiving water for the wastewater discharge? _____ 	
v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge, or describe subsurface disposal plans): _____	
vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____	
e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? _____	
If Yes: <ul style="list-style-type: none"> i. How much impervious surface will the project create in relation to total size of project parcel? _____ Square feet or _____ acres (impervious surface) _____ Square feet or _____ acres (parcel size) ii. Describe types of new point sources. _____ iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)? _____ 	
• If to surface waters, identify receiving water bodies or wetlands: _____	
• Will stormwater runoff flow to adjacent properties? _____	
iv. Does proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? _____	
f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? _____	
If Yes, identify: <ul style="list-style-type: none"> i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles) _____ ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers) _____ iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation) _____ 	
g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? _____	
If Yes: <ul style="list-style-type: none"> i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) _____ ii. In addition to emissions as calculated in the application, the project will generate: <ul style="list-style-type: none"> • _____ Tons/year (short tons) of Carbon Dioxide (CO₂) • _____ Tons/year (short tons) of Nitrous Oxide (N₂O) • _____ Tons/year (short tons) of Perfluorocarbons (PFCs) • _____ Tons/year (short tons) of Sulfur Hexafluoride (SF₆) • _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs) • _____ Tons/year (short tons) of Hazardous Air Pollutants (HAPs) 	

<p>h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Estimate methane generation in tons/year (metric): _____</p> <p>ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____</p>			
<p>i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): _____</p>			
<p>j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. When is the peak traffic expected (Check all that apply): <input type="checkbox"/> Morning <input type="checkbox"/> Evening <input type="checkbox"/> Weekend <input type="checkbox"/> Randomly between hours of _____ to _____.</p> <p>ii. For commercial activities only, projected number of semi-trailer truck trips/day: _____</p> <p>iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____</p> <p>iv. Does the proposed action include any shared use parking? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: _____</p>			
<p>vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>			
<p>k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Estimate annual electricity demand during operation of the proposed action: _____</p> <p>ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): _____</p> <p>iii. Will the proposed action require a new, or an upgrade to, an existing substation? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>			
<p>l. Hours of operation. Answer all items which apply.</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ </td> <td style="width: 50%; vertical-align: top;"> <p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ </td> </tr> </table>		<p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ 	<p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____
<p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ 	<p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ 		

<p>m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes:</p> <p>i. Provide details including sources, time of day and duration:</p> <p>_____</p>	
<p>ii. Will proposed action remove existing natural barriers that could act as a noise barrier or screen? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Describe: _____</p>	
<p>n.. Will the proposed action have outdoor lighting? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes:</p> <p>i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:</p> <p>_____</p>	
<p>ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Describe: _____</p>	
<p>o. Does the proposed action have the potential to produce odors for more than one hour per day? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____</p> <p>_____</p>	
<p>p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Product(s) to be stored _____</p> <p>ii. Volume(s) _____ per unit time _____ (e.g., month, year)</p> <p>iii. Generally describe proposed storage facilities: _____</p>	
<p>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Describe proposed treatment(s):</p> <p>_____</p> <p>_____</p>	
<p>ii. Will the proposed action use Integrated Pest Management Practices? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Describe any solid waste(s) to be generated during construction or operation of the facility:</p> <ul style="list-style-type: none"> • Construction: _____ tons per _____ (unit of time) • Operation : _____ tons per _____ (unit of time) <p>ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</p> <ul style="list-style-type: none"> • Construction: _____ • Operation: _____ <p>iii. Proposed disposal methods/facilities for solid waste generated on-site:</p> <ul style="list-style-type: none"> • Construction: _____ • Operation: _____ 	

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☐ No
If Yes:
i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____
ii. Anticipated rate of disposal/processing:
• _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
• _____ Tons/hour, if combustion or thermal treatment
iii. If landfill, anticipated site life: _____ years

t. Will proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☐ Yes ☐ No
If Yes:
i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____
ii. Generally describe processes or activities involving hazardous wastes or constituents: _____
iii. Specify amount to be handled or generated _____ tons/month
iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____
v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☐ No
If Yes: provide name and location of facility: _____
If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility: _____

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.
i. Check all uses that occur on, adjoining and near the project site.
☐ Urban ☐ Industrial ☐ Commercial ☐ Residential (suburban) ☐ Rural (non-farm)
☐ Forest ☐ Agriculture ☐ Aquatic ☐ Other (specify): _____
ii. If mix of uses, generally describe: _____

b. Land uses and covertypes on the project site.

Land use or Coverture	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces			
• Forested			
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)			
• Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: _____			

<p>c. Is the project site presently used by members of the community for public recreation? <i>i. If Yes: explain:</i> _____</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? If Yes, <i>i. Identify Facilities:</i> _____ _____</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>e. Does the project site contain an existing dam? If Yes: <i>i. Dimensions of the dam and impoundment:</i></p> <ul style="list-style-type: none"> • Dam height: _____ feet • Dam length: _____ feet • Surface area: _____ acres • Volume impounded: _____ gallons OR acre-feet <p><i>ii. Dam's existing hazard classification:</i> _____ <i>iii. Provide date and summarize results of last inspection:</i> _____ _____</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? If Yes: <i>i. Has the facility been formally closed?</i> • If yes, cite sources/documentation: _____ <i>ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:</i> _____ _____ <i>iii. Describe any development constraints due to the prior solid waste activities:</i> _____ _____</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
<p>g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? If Yes: <i>i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:</i> _____ _____</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? If Yes: <i>i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply:</i></p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> Yes – Spills Incidents database <input type="checkbox"/> Yes – Environmental Site Remediation database <input type="checkbox"/> Neither database </div> <div style="width: 50%;"> Provide DEC ID number(s): _____ Provide DEC ID number(s): _____ </div> </div> <p><i>ii. If site has been subject of RCRA corrective activities, describe control measures:</i> _____ _____</p> <p><i>iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database?</i> If yes, provide DEC ID number(s): _____</p> <p><i>iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):</i> _____ _____</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No

v. Is the project site subject to an institutional control limiting property uses? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<ul style="list-style-type: none"> • If yes, DEC site ID number: _____ • Describe the type of institutional control (e.g., deed restriction or easement): _____ • Describe any use limitations: _____ • Describe any engineering controls: _____ • Will the project affect the institutional or engineering controls in place? <input type="checkbox"/> Yes <input type="checkbox"/> No • Explain: _____ 	
E.2. Natural Resources On or Near Project Site	
a. What is the average depth to bedrock on the project site? _____ feet	
b. Are there bedrock outcroppings on the project site? <input type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ %	
c. Predominant soil type(s) present on project site: _____ %	
_____ %	
_____ %	
d. What is the average depth to the water table on the project site? Average: _____ feet	
e. Drainage status of project site soils: <input type="checkbox"/> Well Drained: _____ % of site	
<input type="checkbox"/> Moderately Well Drained: _____ % of site	
<input type="checkbox"/> Poorly Drained: _____ % of site	
f. Approximate proportion of proposed action site with slopes: <input type="checkbox"/> 0-10%: _____ % of site	
<input type="checkbox"/> 10-15%: _____ % of site	
<input type="checkbox"/> 15% or greater: _____ % of site	
g. Are there any unique geologic features on the project site? <input type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes, describe: _____	
h. Surface water features.	
i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? <input type="checkbox"/> Yes <input type="checkbox"/> No	
ii. Do any wetlands or other waterbodies adjoin the project site? <input type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes to either <i>i</i> or <i>ii</i> , continue. If No, skip to E.2.i.	
iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? <input type="checkbox"/> Yes <input type="checkbox"/> No	
iv. For each identified regulated wetland and waterbody on the project site, provide the following information:	
<ul style="list-style-type: none"> • Streams: Name _____ Classification _____ • Lakes or Ponds: Name _____ Classification _____ • Wetlands: Name _____ Approximate Size _____ • Wetland No. (if regulated by DEC) _____ 	
v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? <input type="checkbox"/> Yes <input type="checkbox"/> No	
If yes, name of impaired water body/bodies and basis for listing as impaired: _____	
i. Is the project site in a designated Floodway? <input type="checkbox"/> Yes <input type="checkbox"/> No	
j. Is the project site in the 100 year Floodplain? <input type="checkbox"/> Yes <input type="checkbox"/> No	
k. Is the project site in the 500 year Floodplain? <input type="checkbox"/> Yes <input type="checkbox"/> No	
l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? <input type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes:	
i. Name of aquifer: _____	

<p>m. Identify the predominant wildlife species that occupy or use the project site: _____</p> <p>_____</p> <p>_____</p>	
<p>n. Does the project site contain a designated significant natural community? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Describe the habitat/community (composition, function, and basis for designation): _____</p> <p style="margin-left: 20px;">ii. Source(s) of description or evaluation: _____</p> <p style="margin-left: 20px;">iii. Extent of community/habitat:</p> <ul style="list-style-type: none"> • Currently: _____ acres • Following completion of project as proposed: _____ acres • Gain or loss (indicate + or -): _____ acres 	
<p>o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes, give a brief description of how the proposed action may affect that use: _____</p> <p>_____</p>	
<p>E.3. Designated Public Resources On or Near Project Site</p>	
<p>a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes, provide county plus district name/number: _____</p>	
<p>b. Are agricultural lands consisting of highly productive soils present? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="margin-left: 20px;">i. If Yes: acreage(s) on project site? _____</p> <p style="margin-left: 20px;">ii. Source(s) of soil rating(s): _____</p>	
<p>c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature</p> <p style="margin-left: 20px;">ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____</p> <p>_____</p>	
<p>d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. CEA name: _____</p> <p style="margin-left: 20px;">ii. Basis for designation: _____</p> <p style="margin-left: 20px;">iii. Designating agency and date: _____</p>	

Full Environmental Assessment Form
Part 2 - Identification of Potential Project Impacts

	Agency Use Only [If applicable]
Project :	Creating Resilience: A Planning Initiative
Date :	December 2016

Part 2 is to be completed by the lead agency. Part 2 is designed to help the lead agency inventory all potential resources that could be affected by a proposed project or action. We recognize that the lead agency's reviewer(s) will not necessarily be environmental professionals. So, the questions are designed to walk a reviewer through the assessment process by providing a series of questions that can be answered using the information found in Part 1. To further assist the lead agency in completing Part 2, the form identifies the most relevant questions in Part 1 that will provide the information needed to answer the Part 2 question. When Part 2 is completed, the lead agency will have identified the relevant environmental areas that may be impacted by the proposed activity.

If the lead agency is a state agency and the action is in any Coastal Area, complete the Coastal Assessment Form before proceeding with this assessment.

Tips for completing Part 2:

- Review all of the information provided in Part 1.
- Review any application, maps, supporting materials and the Full EAF Workbook.
- Answer each of the 18 questions in Part 2.
- If you answer "Yes" to a numbered question, please complete all the questions that follow in that section.
- If you answer "No" to a numbered question, move on to the next numbered question.
- Check appropriate column to indicate the anticipated size of the impact.
- Proposed projects that would exceed a numeric threshold contained in a question should result in the reviewing agency checking the box "Moderate to large impact may occur."
- The reviewer is not expected to be an expert in environmental analysis.
- If you are not sure or undecided about the size of an impact, it may help to review the sub-questions for the general question and consult the workbook.
- When answering a question consider all components of the proposed activity, that is, the "whole action".
- Consider the possibility for long-term and cumulative impacts as well as direct impacts.
- Answer the question in a reasonable manner considering the scale and context of the project.

1. Impact on Land Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1) <i>If "Yes", answer questions a - j. If "No", move on to Section 2.</i>			
		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may involve construction on land where depth to water table is less than 3 feet.	E2d	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	<input type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

2. Impact on Geological Features The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <i>If "Yes", answer questions a - c. If "No", move on to Section 3.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify the specific land form(s) attached: _____	E2g	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	<input type="checkbox"/>	<input type="checkbox"/>
c. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

3. Impacts on Surface Water The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <i>If "Yes", answer questions a - l. If "No", move on to Section 4.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may create a new water body.	D2b, D1h	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D2b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E2h	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	<input type="checkbox"/>	<input type="checkbox"/>
h. The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D2e	<input type="checkbox"/>	<input type="checkbox"/>
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	<input type="checkbox"/>	<input type="checkbox"/>
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	<input type="checkbox"/>	<input type="checkbox"/>
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	<input type="checkbox"/>	<input type="checkbox"/>

l. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>
----------------------------------	--	--------------------------	--------------------------

4. Impact on groundwater

The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t)

If "Yes", answer questions a - h. If "No", move on to Section 5.

☒ NO ☐ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells.	D2c	<input type="checkbox"/>	<input type="checkbox"/>
b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source: _____	D2c	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D2c, E1f, E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	E2h, D2q, E2l, D2c	<input type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

5. Impact on Flooding

The proposed action may result in development on lands subject to flooding. (See Part 1. E.2)

If "Yes", answer questions a - g. If "No", move on to Section 6.

☒ NO ☐ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in development in a designated floodway.	E2i	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in development within a 100 year floodplain.	E2j	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in development within a 500 year floodplain.	E2k	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	<input type="checkbox"/>	<input type="checkbox"/>
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	<input type="checkbox"/>	<input type="checkbox"/>

g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>
----------------------------------	--	--------------------------	--------------------------

6. Impacts on Air The proposed action may include a state regulated air emission source. <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (See Part 1. D.2.f., D.2.h, D.2.g) <i>If "Yes", answer questions a - f. If "No", move on to Section 7.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels: i. More than 1000 tons/year of carbon dioxide (CO ₂) ii. More than 3.5 tons/year of nitrous oxide (N ₂ O) iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs) iv. More than .045 tons/year of sulfur hexafluoride (SF ₆) v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions vi. 43 tons/year or more of methane	D2g D2g D2g D2g D2g D2h	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may reach 50% of any of the thresholds in "a" through "c" above.	D2g	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	<input type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

7. Impact on Plants and Animals The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <i>If "Yes", answer questions a - j. If "No", move on to Section 8.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2o	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E2o	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2p	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E2p	<input type="checkbox"/>	<input type="checkbox"/>

e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E3c	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____	E2n	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E2m	<input type="checkbox"/>	<input type="checkbox"/>
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____	E1b	<input type="checkbox"/>	<input type="checkbox"/>
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	<input type="checkbox"/>	<input type="checkbox"/>
j. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

8. Impact on Agricultural Resources

The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.)

☒ NO

☐ YES

If "Yes", answer questions a - h. If "No", move on to Section 9.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E2c, E3b	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc).	E1a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District.	E1b, E3a	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	E1 a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	<input type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

9. Impact on Aesthetic Resources The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.) <i>If "Yes", answer questions a - g. If "No", go to Section 10.</i>				<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur		
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	<input type="checkbox"/>	<input type="checkbox"/>		
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	<input type="checkbox"/>	<input type="checkbox"/>		
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E3h	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>		
d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E3h E2q, E1c	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>		
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	<input type="checkbox"/>	<input type="checkbox"/>		
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile 1/2 -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	<input type="checkbox"/>	<input type="checkbox"/>		
g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>		

10. Impact on Historic and Archeological Resources The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.) <i>If "Yes", answer questions a - e. If "No", go to Section 11.</i>				<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur		
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places.	E3e	<input type="checkbox"/>	<input type="checkbox"/>		
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E3f	<input type="checkbox"/>	<input type="checkbox"/>		
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source: _____	E3g	<input type="checkbox"/>	<input type="checkbox"/>		

d. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>
If any of the above (a-d) are answered "Moderate to large impact may occur", continue with the following questions to help support conclusions in Part 3:			
i. The proposed action may result in the destruction or alteration of all or part of the site or property.	E3e, E3g, E3f	<input type="checkbox"/>	<input type="checkbox"/>
ii. The proposed action may result in the alteration of the property's setting or integrity.	E3e, E3f, E3g, E1a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	E3e, E3f, E3g, E3h, C2, C3	<input type="checkbox"/>	<input type="checkbox"/>

11. Impact on Open Space and Recreation The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan. (See Part 1. C.2.c, E.1.c., E.2.q.) If "Yes", answer questions a - e. If "No", go to Section 12.			
		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b, E2h, E2m, E2o, E2n, E2p	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c, E1c, E2q	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	<input type="checkbox"/>	<input type="checkbox"/>
e. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

12. Impact on Critical Environmental Areas The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d) If "Yes", answer questions a - c. If "No", go to Section 13.			
		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d	<input type="checkbox"/>	<input type="checkbox"/>
c. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

13. Impact on Transportation The proposed action may result in a change to existing transportation systems. <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (See Part 1. D.2.j) <i>If "Yes", answer questions a - f. If "No", go to Section 14.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Projected traffic increase may exceed capacity of existing road network.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action will degrade existing transit access.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

14. Impact on Energy The proposed action may cause an increase in the use of any form of energy. <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (See Part 1. D.2.k) <i>If "Yes", answer questions a - e. If "No", go to Section 15.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action will require a new, or an upgrade to an existing, substation.	D2k	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D1f, D1q, D2k	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g	<input type="checkbox"/>	<input type="checkbox"/>
e. Other Impacts: _____			

15. Impact on Noise, Odor, and Light The proposed action may result in an increase in noise, odors, or outdoor lighting. <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (See Part 1. D.2.m., n., and o.) <i>If "Yes", answer questions a - f. If "No", go to Section 16.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may produce sound above noise levels established by local regulation.	D2m	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D2m, E1d	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in routine odors for more than one hour per day.	D2o	<input type="checkbox"/>	<input type="checkbox"/>

d. The proposed action may result in light shining onto adjoining properties.	D2n	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	<input type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

16. Impact on Human Health

The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.)

☒ NO

☐ YES

If "Yes", answer questions a - m. If "No", go to Section 17.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community.	E1d	<input type="checkbox"/>	<input type="checkbox"/>
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction).	E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D2t	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	<input type="checkbox"/>	<input type="checkbox"/>
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	<input type="checkbox"/>	<input type="checkbox"/>
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	<input type="checkbox"/>	<input type="checkbox"/>
j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E1f, E1g E1h	<input type="checkbox"/>	<input type="checkbox"/>
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g	<input type="checkbox"/>	<input type="checkbox"/>
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	<input type="checkbox"/>	<input type="checkbox"/>
m. Other impacts: _____			

17. Consistency with Community Plans The proposed action is not consistent with adopted land use plans. (See Part 1. C.1, C.2. and C.3.) <i>If "Yes", answer questions a - h. If "No", go to Section 18.</i>			
		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action's land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C2, C3, D1a E1a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C2	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C3, D1c, D1d, D1f, D1d, E1b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C4, D2c, D2d D2j	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a	<input type="checkbox"/>	<input type="checkbox"/>
h. Other: _____		<input type="checkbox"/>	<input type="checkbox"/>

18. Consistency with Community Character The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) <i>If "Yes", answer questions a - g. If "No", proceed to Part 3.</i>			
		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.	E3e, E3f, E3g	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C2, C3, D1f D1g, E1a	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	<input type="checkbox"/>	<input type="checkbox"/>
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	<input type="checkbox"/>	<input type="checkbox"/>
g. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

Full Environmental Assessment Form
Part 3 - Evaluation of the Magnitude and Importance of Project Impacts
and
Determination of Significance

Part 3 provides the reasons in support of the determination of significance. The lead agency must complete Part 3 for every question in Part 2 where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.

Based on the analysis in Part 3, the lead agency must decide whether to require an environmental impact statement to further assess the proposed action or whether available information is sufficient for the lead agency to conclude that the proposed action will not have a significant adverse environmental impact. By completing the certification on the next page, the lead agency can complete its determination of significance.

Reasons Supporting This Determination:

To complete this section:

- Identify the impact based on the Part 2 responses and describe its magnitude. Magnitude considers factors such as severity, size or extent of an impact.
- Assess the importance of the impact. Importance relates to the geographic scope, duration, probability of the impact occurring, number of people affected by the impact and any additional environmental consequences if the impact were to occur.
- The assessment should take into consideration any design element or project changes.
- Repeat this process for each Part 2 question where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.
- Provide the reason(s) why the impact may, or will not, result in a significant adverse environmental impact
- For Conditional Negative Declarations identify the specific condition(s) imposed that will modify the proposed action so that no significant adverse environmental impacts will result.
- Attach additional sheets, as needed.

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: ☒ Type 1 ☐ Unlisted

Identify portions of EAF completed for this Project: ☒ Part 1 ☒ Part 2 ☒ Part 3

Upon review of the information recorded on this EAF, as noted, plus this additional support information

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the
City of Long Beach City Council _____ as lead agency that:

☒ A. This project will result in no significant adverse impacts on the environment, and, therefore, an environmental impact statement need not be prepared. Accordingly, this negative declaration is issued.

☐ B. Although this project could have a significant adverse impact on the environment, that impact will be avoided or substantially mitigated because of the following conditions which will be required by the lead agency:

There will, therefore, be no significant adverse impacts from the project as conditioned, and, therefore, this conditioned negative declaration is issued. A conditioned negative declaration may be used only for UNLISTED actions (see 6 NYCRR 617.d).

☐ C. This Project may result in one or more significant adverse impacts on the environment, and an environmental impact statement must be prepared to further assess the impact(s) and possible mitigation and to explore alternatives to avoid or reduce those impacts. Accordingly, this positive declaration is issued.

Name of Action: Negative Declaration - Type 1

Name of Lead Agency: City of Long Beach City Council

Name of Responsible Officer in Lead Agency:

Title of Responsible Officer:

Signature of Responsible Officer in Lead Agency:

Date:

Signature of Preparer (if different from Responsible Officer)

Date:

For Further Information:

Contact Person: Patricia Bourne

Address: 1 West Chester Street, Long Beach, NY, 11561

Telephone Number: (516) 705-7243

E-mail: pbourne@longbeachny.gov

For Type 1 Actions and Conditioned Negative Declarations, a copy of this Notice is sent to:

Chief Executive Officer of the political subdivision in which the action will be principally located (e.g., Town / City / Village of)

Other involved agencies (if any)

Applicant (if any)

Environmental Notice Bulletin: <http://www.dec.ny.gov/enb/enb.html>

TABLE OF CONTENTS

1. INTRODUCTION	1-1
1.1. PURPOSE & NEED	1-3
2. DESCRIPTION OF THE PROPOSED ACTION	2-3
2.1. CONCEPTUAL DEVELOPMENT STRATEGIES	2-5
2.1.1. Central Business District.....	2-5
2.1.2. Bayfront.....	2-6
2.1.3. Oceanfront.....	2-6
2.2. ZONING REVISIONS	2-7
3. POTENTIAL ENVIRONMENTAL IMPACTS	3-7
3.1. CONSISTENCY WITH PLANNING DOCUMENTS	3-7
3.2. CONSISTENCY WITH LAND USE AND COMMUNITY CHARACTER	3-8
3.2.1. Land Use.....	3-8
3.2.2. Community Character.....	3-9
3.2.3. Aesthetic Resources and Visual Impacts.....	3-9
3.2.4. Historic and Cultural Resources	3-9
3.2.5. Noise, Light, Odor	3-10
3.2.6. Surface Waters and Flooding.....	3-10
3.3. POTENTIAL IMPACTS FROM AN INCREASE IN POPULATION OR COMMERCIAL/INDUSTRIAL DEVELOPMENT	3-10
3.3.1. Community Services.....	3-11
3.3.2. Transportation	3-11
3.3.3. Water Supply.....	3-12
3.3.4. Sanitary Sewer Service	3-13
4. PUBLIC OUTREACH	4-14
5. CUMULATIVE IMPACTS	5-15
6. CONCLUSION	6-16

1. Introduction

Part 1 Addendum of the Final Environmental Assessment Form (FEAF) for the City of Long Beach Comprehensive Plan Update and Local Waterfront Revitalization Program (LWRP), with the combined project title of '*Creating Resilience: A Planning Initiative*', provides a brief summary of the plan components, along with the "Reasons Supporting This Determination." The City of Long Beach, acting as the Lead Agency under the State Environmental Quality Review Act (SEQRA) (6 NYCRR Part 617), will consider this information in determining the likelihood of significant adverse environmental impacts stemming from the adoption of the proposed action. Adoption of a Comprehensive Plan/resource management plan (LWRP) is considered a Type I action under SEQRA.

The proposed action would result in the adoption of an update to the City's existing comprehensive plan, which was adopted in 2007, and the adoption of a new LWRP. This sustainable Comprehensive Plan Update is a policy document that provides a long-range vision for the built and natural environments of Long Beach and a set of recommendations to help guide the community, City Council, and City staff for the next twenty-five years and beyond.

In a separate but coordinated effort, the LWRP will present a comprehensive analysis of issues affecting Long Beach's coast, and offer tangible strategies for protecting and enhancing water quality, ensuring public access to the waterfront, and establishing parameters for growth and future development of the area.

The Comprehensive Plan Update and the LWRP build upon the City's prior planning efforts while considering the transformative impacts of Superstorm Sandy. The lasting economic and environmental impact of Superstorm Sandy conveyed the need for the City of Long Beach to develop new strategies and methods to increase coastal resiliency, improve infrastructure, and stimulate economic development in order to protect the health and safety of its residents.

Prior planning efforts included the 1997 Downtown City Economic Development Plan, the 2007 Comprehensive Plan, the 2009 Draft Local Waterfront Revitalization Plan (LWRP), Brownfield Opportunity Area (BOA) Study, Oceanside and Bayside Coastal Protection Studies, and the Sewage Treatment Plant Alternatives Study.

Immediately following Sandy, the City began several new planning initiatives with a renewed focus on storm preparedness and resiliency. Most notably, Long Beach participated in the New York Rising Community Reconstruction (NYRCR) program and developed a series of priority projects that would make the City more resilient to future storms and sea level rise impacts. The City also supplemented its major planning initiatives by engaging community-based organizations and educational institutions to perform specialized analyses and studies throughout

the City. In addition, the City has continued to participate in and utilize regionally-based planning initiatives, such as the 2015 Long Island Index report examining the state of multi-family housing across Long Island and the Long Island Regional Planning Council's Long Island 2035 Regional Comprehensive Sustainability Plan.

In turn, the relevant components, along with public participation have helped to inform the policies and projects recommended in the 2016 Comprehensive Plan and LWRP.

The proposed action would affect the entire City of Long Beach. However, the long-term vision of *Creating Resilience: A Planning Initiative* focuses on the potential for future development within three key areas: the Central Business District (CBD), the Bayfront, and the Oceanfront. These areas were selected for their opportunity for redevelopment, ability to accommodate future growth, meet local and regional economic development goals, increase community resiliency, and perhaps most importantly, while preserving the existing residential neighborhoods and environmental resources throughout the remainder of the City. The planning strategies and concepts explored for these select areas are firmly rooted in sustainability, with the CBD and Bayfront located within very close proximity of the Long Beach LIRR Station/transit hub and the Oceanfront within comfortable walking distance. In addition, the City is committed to increasing public access and city-wide connectivity with any potential new development – incorporating public easement requirements (e.g., creation of the Bay Mile path) and eliminating existing neighborhood “barriers” (e.g., Stop & Shop center, LIRR tracks).

These targeted strategies represent the first step in the City's goal of developing more sustainable land use and development patterns. While the Comprehensive Plan and LWRP encourage several zoning amendments, most notably the allowance of mixed-use development within the CBD and along the Bayfront, the plan does not propose any specific new zoning text or changes. As such, this SEQRA review process does not analyze the effects of any potential zoning changes. The City plans to update and amend its zoning code in the near future. Any zoning amendments, or development applications seeking approval within the updated zoning framework, would be subject to additional SEQRA review.

The Proposed Action is comprised of the following actions being considered by the City of Long Beach, acting as Lead Agency under SEQRA:

- The adoption of a sustainable Comprehensive Plan update.
- The adoption of the City of Long Beach Local Waterfront Revitalization Program (LWRP).

1.1. Purpose & Need

New York State recommends that municipalities update their comprehensive plan every 10 years. The City of Long Beach last adopted a comprehensive plan in 2007 and has experienced significant changes since that time. In addition to the development of a coordinated vision for the community, the City's Comprehensive Plan Update Comprehensive Plan Update will provide the necessary framework for future zoning, code and policy changes.

The LWRP will serve as a guide for future projects, policies, and programs that will strengthen the local economy, make the City more resilient, protect the environment, and improve water quality. The LWRP will also allow the City to participate in the NYS Coastal Management Program and can be used as the basis for obtaining and leveraging funds through the NYS Environmental Protection Fund and other sources.

Following the devastation of Superstorm Sandy, it became evident that the City's ability to adapt and recover had become central to the identity of Long Beach – and resiliency would serve as both a defining characteristic of the community and a central planning strategy looking towards the future. As such, the Comprehensive Plan Update and LWRP detail resiliency strategies to protect the City's built and natural environments, to stimulate economic development, and to provide for the health, safety, and general welfare of its citizens. The plan also serves as a local conduit for the implementation of the regional goals set forth by the Long Island Regional Planning Council.

2. Description of the Proposed Action

The proposed action would update the City's comprehensive plan and adopt a new LWRP, linking together local objectives and initiatives with the broader regional sustainability goals identified for Long Island. For purposes of this SEQRA review, the proposed action includes the adoption of *Creating Resilience: A Planning Initiative*, the 2016 update to the City's Comprehensive Plan and the adoption of a new LWRP.

The Comprehensive Plan Update and the LWRP have been developed to provide short-, mid- and long-term recommendations for the protection, enhancement, growth, and development of the City of Long Beach. While these recommendations include a range of strategies, approaches, and policies for implementation, each component of the proposed action is firmly rooted in the concept of resiliency. The Comprehensive Plan Update and LWRP include many traditional aspects of a plan, such as background information on population, employment, demographic trends, housing, transportation, utilities, community facilities, natural/cultural resources, land use, and implementation strategies. However, the proposed action also includes several non-

traditional aspects (climate adaptation, sustainability and resiliency, social health and well-being; community art, heritage, and culture); and a regional strengths, weakness, opportunities and threats (SWOT) analysis.

One of the primary challenges facing the City of Long Beach is the accommodation of future growth and development while preserving access to and enjoyment of its unique environment and natural resources. The comprehensive plan and LWRP acknowledge this challenge and have developed a range of future development scenarios that are designed to balance these potentially conflicting concepts. By focusing on three key areas for development (while simultaneously preserving the character of existing residential neighborhoods), the scenarios proposed offer an opportunity to spur economic development, enhance public access, and increase the level of protection for vulnerable neighborhoods and critical assets.

Lastly, the proposed action recommends updating the City's site plan/SEQRA review process, including the creation of a separate planning commission/board to manage this process. Developing a clearly-defined SEQRA and coastal consistency review process will allow the City to identify and analyze the resiliency impacts of proposed projects. The establishment of a dedicated planning commission/board would also help to ensure consistency with the Comprehensive Plan, Local Waterfront Revitalization Program and other community-based planning initiatives.

2.1. Conceptual Development Strategies

The proposed action explores three potential development areas that would allow the City to pursue sustainable, economic development opportunities while helping to preserve its existing neighborhoods and unique natural environments. These concepts focus on transit-oriented development that promotes public access and mobility; provides opportunities for residents of all incomes, supports the tax base and increases the overall resiliency of the City.

2.1.1. Central Business District

The train station, City Hall and the Stop and Shop (formerly Waldbaum's) shopping center form the heart of the central business district (CBD) and the transit gateway to the City of Long Beach for residents, visitors and workers. Well-planned, mixed use transit-oriented development in this area, including higher density housing, cultural/performance space, redesigned municipal office space, and retail/dining would increase the number of shoppers and workforce, and activate the core of downtown, supporting a year-round economy. The reconfiguration of this area would also enable the creation of better connections between the North Park neighborhood and the CBD. Reconfigured development on these sites must include transitions from the commercial space into the existing neighborhood to ensure better access for existing residents.

A Central Business District Conceptual Development Program proposes four key principles for the creation of a thriving central business district at the heart of Long Beach:

1. Relocate Kennedy Plaza to the arrival point of the Long Island Rail Road. This frees the current Kennedy Plaza parcel to become a building site.
2. Create mixed-use, transit-oriented development on the relocated Kennedy Plaza to serve as a landmark, visible from the bay to the ocean that orients residents and visitors to the central business district location.
3. Bring together a mix of uses around the relocated Kennedy Plaza: a government office building, a mixed-use cultural facility, and residential, along with appropriate parking. All of the buildings fronting on the plaza would have commercial use to enliven the street level.
4. Create appropriate transitions to the neighborhood context to ensure the new development does not overwhelm the scale of, or turn its back on, the

neighboring city fabric. Strategies for uniting the new development to its context include creating setbacks for parkland and open space, and modulating building heights and facades.

2.1.2. Bayfront

The Bayfront area of the City is home to the majority of non-retail businesses in the City. It is also the area most prone to flooding, both during major events as well as during high tides and ordinary rain storms. Within *Creating Resilience: A Planning Initiative*, a Bayfront Conceptual Development Program was created comprising several phases of development. This conceptual development program is designed to repurpose this underutilized area and leverage one of the City's greatest untapped assets – the Reynolds Channel Bayfront. The Bayfront presents an unrealized opportunity for resilient redevelopment of Long Beach that will benefit the neighborhood and overall City.

The Comprehensive Plan Update and the LWRP propose greatly improved recreational and open space amenities, the addition of residential and retail space built on high ground to withstand climate change and disturbances, and landscape-based flooding solutions that serve double-duty as drainage corridors and connective passageways for pedestrians and cyclists. Redevelopment along the Bayfront should include a commitment to construct open space with a walkway along the Bay Mile in accordance with the City's planning objectives and design guidelines. At the same time, extending the existing park near Riverside Boulevard could become additional dedicated public open space that would double as a drainage corridor, creating a low point on the lowest street that passes through the North Park neighborhood. When the corridor is dry, it will provide a social connection between the heart of the City leading toward the amenities of the Bay Mile. This open space would include additional improvements, such as new park features and amenities based on feedback from the community.

2.1.3. Oceanfront

To increase resiliency along the City's southern shore, the Comprehensive Plan Update and the LWRP envision the future development of a sloping Oceanfront Cultural Park as a high point of refuge to provide immediate evacuation of the beach. The park and its underlying structure would offer multiple benefits. The pristine Boardwalk and Ocean Beach Park are Long Beach's greatest assets. Yet, while the

beach draws many visitors, it does not generate much revenue for the City beyond the sale of beach passes. Economic activity along the Boardwalk would provide a boost to the City's overall economy and tax base. With sizable residential, commercial, and parking space, the building provides multiple revenue streams and serves the demand for these functions at the beachfront. Above the building, overlooking the Atlantic Ocean, the City of Long Beach has the rare opportunity to create a major recreation and gathering space right next to the boardwalk at little or no cost to the government.

One of the main advantages of a sloped park is that the design would allow up to three levels of parking underneath the park, providing much needed parking options for residents and beachgoers. The parking would be wrapped with housing, as well as a small amount of convenience retail and restaurants to maintain the neighborhood context for residents and provide needed amenities to beachgoers. Despite the overall size of such a development, the scale of the project has been designed to match the surrounding residential neighborhood.

2.2. Zoning Revisions

No revisions to the zoning code or the zoning map would occur as part of the adoption of the proposed action. Neither *the Comprehensive Plan Update* nor the LWRP proposes any revisions to the zoning code or official zoning map of the City of Long Beach. As a result, specific zoning amendments are not analyzed as part of this SEQRA review. However, a revision of the zoning code is recommended to support the implementation of the Comprehensive Plan and LWRP and is anticipated to be completed at a later date by the City. Such a process would require additional SEQRA review – both for the adoption of an updated code and the discretionary/legislative approval of development applications.

3. Potential Environmental Impacts

This section addresses the potential for impacts to the environmental categories identified in Part 2 of this FEAF.

3.1. Consistency with Planning Documents

The Comprehensive Plan Update and the LWRP began with a comprehensive review of the City's prior planning efforts, which include: the 1997 Downtown City Economic Development Plan, the 2007 Comprehensive Plan, the 2009 Draft Local Waterfront Revitalization Plan (LWRP), Brownfield Opportunity Area (BOA) Study, Oceanside and Bayside Coastal Protection Studies, Sewage Treatment Plant Alternatives Study and the

2013 New York Rising Community Reconstruction (NYRCR) Plan. A major part of this plan review process was to determine which elements of these plans and studies remained current, which have been implemented, and what must be revisited. While the updated Comprehensive Plan and LWRP offer recommendations that may have evolved since their introduction in earlier documents, the City has ensured that the proposed action does not introduce any concepts or projects that are in direct conflict with prior planning efforts.

3.2. Consistency with Land Use and Community Character

The Comprehensive Plan Update and the LWRP provide goals and objectives designed to preserve the character of existing neighborhoods, while exploring the potential for regulatory land use changes in selected areas. One of the most unique aspects of Long Beach is the sense of community and high level of interaction among residents. As a relatively dense and diverse community, characterized by a collection of unique districts and neighborhoods, the City is seeking to preserve the fabric, character and identity of these neighborhoods.

3.2.1. Land Use

With the exception of a targeted area along the Oceanfront, the City of Long Beach does not permit mixed-use residential development within its existing land use regulatory framework. This greatly limits opportunities for development in areas such as the Central Business District and limits the potential development of areas like the Bayfront, which would require a mix of uses to produce the type of sustainable, equitable development envisioned by the community. Mixed-use development would help to support the City's economic development goals, while simultaneously increasing walkability and reducing reliance on automobiles.

As visionary policy documents, the land use recommendations provided in the Comprehensive Plan Update and the LWRP would not have any direct physical impacts on the environment. While the proposed action identifies potential land use changes, any project or action requiring discretionary approvals (i.e., zone changes/variances, site plan approvals etc.) would still require a project/site-specific SEQRA review process that would analyze site-specific environmental impacts.

With the exception of allowance of mixed-uses in select locations in the City, the proposed action does not recommend specific changes to current land use patterns, particularly for the City's existing, primarily residential neighborhoods.

3.2.2. Community Character

The proposed action has been developed to create a more attractive and inviting City that highlights its unique natural setting while preserving its local, community-oriented character. *The Comprehensive Plan Update* and the LWRP do not prescribe specific architectural features or requirements, in part because of the diverse mix of housing and neighborhood typologies found within Long Beach. Rather, the proposed action explored various ways to highlight the unique identities of Long Beach's neighborhoods, looking towards arts initiatives and cultural events as a way to build upon the assets of these areas.

3.2.3. Aesthetic Resources and Visual Impacts

As a barrier island, Long Beach is largely characterized by its oceanfront and Bayfront environments. The south side of the island is home to the City's largest park, 3.5 mile Ocean Beach Park, as well as its 2.25-mile elevated Boardwalk. Both facilities are frequented by residents and visitors year-round but see a large spike in activity during the summer months. Perhaps the most unique aspect of the Ocean Beach Park is its accessibility to the public. In many other coastal communities on Long Island, coastal access is limited by private properties, residency restrictions and geographic barriers. While these resources are typically associated with leisure and recreational activity, the preservation of these resources is vital to the City's economic and environmental well-being. As a result, the proposed action calls for the continued maintenance and expansion of public access to these areas (particularly along the Bayfront). In addition, as the proposed action does not directly influence new development or regulatory changes, the plan update would not result in any significant adverse visual impacts or loss of existing aesthetic resources.

3.2.4. Historic and Cultural Resources

The proposed action does not include any changes that would affect the existing goals or policies related to historic and cultural resources. The City passed a Landmark Preservation Ordinance in 1995 that created a Landmarks Preservation Commission, composed of members of the Architectural Review Board. This Commission reviews applications for landmark designations which must be requested by the property owner. Approved applications then have a public hearing and are voted on by the City Council. The Commission is also responsible for reviewing all plans for the moving, exterior construction, addition, alteration or

repair, landscaping or demolition of landmarks. The Commission reviews plans for consistency with the materials and style of the architectural period of which the building is characteristic. Owners of landmark sites are eligible to apply for community development fund loans for rehabilitation, repair, and/or preservation.

Therefore, the adoption of the proposed action would not be expected to result in any significant adverse impacts to historic or cultural resources.

3.2.5. Noise, Light, Odor

Since there is no direct development or zoning amendment associated with the proposed action, the adoption of the Comprehensive Plan Update would not directly result in an increase in noise, odors or outdoor lighting.

3.2.6. Surface Waters and Flooding

Given its focus on community resiliency, the proposed action provides analysis of the role of local waterways (Reynolds Channel to the north and the Atlantic Ocean to the South) and groundwater resources and how these resources affect local floodplain management (both in terms of storm surge and stormwater flooding). This plan is designed to encourage policies and practices that increase resiliency, protect natural resources and provide strategies for local climate adaptation. Together, these actions would be expected to protect the City's water resources and reduce the community impacts associated with flooding.

3.3. Potential Impacts from an Increase in Population or Commercial/Industrial Development

As visionary policy documents, the sewer system recommendations provided in *the Comprehensive Plan Update* and the LWRP would not have any direct physical impacts on the environment. While the proposed action identifies potential future infrastructure projects and potential land use changes, any project or action requiring discretionary approvals (i.e., multi-jurisdictional projects, zone changes/variances, site plan approvals etc.) would still require a project/site-specific SEQRA review process that would analyze site-specific environmental impacts, including community services, transportation/traffic, water supply, the City's municipal sewer system, air, noise and groundwater resources. This site-specific SEQRA review process will allow the City to more accurately assess impacts against the baseline conditions at the time of application (as opposed to speculatively assessing impacts that may or may not occur in 20 years). Site-specific

review would also provide a more accurate analysis of potential cumulative impacts resulting from development.

An overview of the potential environmental impacts that could be associated with the proposed action is presented below.

3.3.1. Community Services

The proposed action could increase residential density within the three development areas discussed above (CBD, Bayfront, Oceanfront), which could result in additional school-aged children and a potential increase in demand for police and fire/EMS services in these areas. Any increases in staffing that could be triggered by new development would be offset by additional taxes, fees or provision of service agreements defined by the City during its site-specific project analysis.

Any new zoning or development applications within the City would be required to prepare a site-specific analysis of impacts on the local school district and impacts related to the provision of emergency services. Since *the Comprehensive Plan Update* and the LWRP would not result directly in any new development; the proposed action will not impact these community services.

3.3.2. Transportation

The primary transportation impact of the proposed action would be to guide the City towards implementation of more sustainable transportation policies and practices.

The Comprehensive Plan and LWRP recommend seeking opportunities that align with the City's existing Complete Streets Policy, including enhanced pedestrian and bicycle accommodations to encourage people to walk or bicycle instead of drive. This includes dedicated bicycle facilities (ranging from dedicated, protected bicycle lanes where pavement width allows, to "share the road" signs to alert drivers to cyclists in the street) as well as pedestrian accommodations. The proposed action also calls for parking management improvements to reduce the need for drivers to make repeated, circuitous searches for parking instead of a single, direct trip.

Long Beach has a large number of pedestrians and bicyclists and enhancing multi-modal facilities in the Central Business District (CBD) will promote a reduction in vehicle use and an increase in foot traffic. Based on US Census American Community Survey (ACS) data, the City of Long Beach far outpaces the national average in terms of workers who use public transit, bicycle or walk to work. Among

workers age 16 and older, Long Beach residents are roughly four times as likely to use public transit to commute to work and more than twice as likely to walk or ride a bicycle to work. New pedestrian and bicycle facilities in the CBD can serve as a catalyst to incorporate these types of facilities throughout the city, eventually connecting the CBD to the boardwalk, the recreation center on the bay, and the east and west sides of the city.

While the build-out of the three potential development areas (CBD, Bayfront and Oceanfront) discussed in the Comprehensive Plan and LWRP could increase the overall number of trips generated within the City, any such increases would be subject to a project-specific SEQRA review process and the provision of adequate mitigation measures. In addition, all three of these potential development areas are within close proximity to the Long Beach LIRR station/transit hub – helping to meet the plan’s goal of encouraging more sustainable, transportation-oriented development.

Any project or action within these areas could vary significantly in terms of use (residential, commercial, hotel, office, institutional), bulk, and numerous other parameters. Given this high level of variability, it is not practical or useful to analyze the impacts of an endless combination of development scenarios. To ensure the review process accurately analyzes any proposed development, a site-specific SEQRA review would provide the deepest and most accurate assessment of any potential transportation impacts.

3.3.3. Water Supply

The availability of potable water is a key factor in determining the potential density for new development in a given area.

Following Superstorm Sandy, the City re-initiated a system-wide potable water improvement program. A major part of this initiative has been the replacement of water mains throughout the City. The Department of Public Works typically replaces water mains anytime road reconstruction occurs.

The City’s water supply relies on groundwater from the Lloyd Aquifer. Water from the aquifer is pumped from eight public wells that are located throughout the City. In 2014, the City drew 1.15 billion gallons of water from these wells. With minor exceptions, water from the Lloyd Aquifer is considered good to excellent. After treatment, the City’s potable water quality is generally very good to excellent

quality. Preliminary reports from the United States Geological Survey (USGS) indicate that saltwater intrusion is encroaching upon the Lloyd Aquifer. This, in addition to attempts by other water districts, such as New York City, to pump from the Lloyd, put pressure on the City's water source.

Recently, funds were awarded to the USGS to study and monitor Long Island's groundwater levels and movement, sample chloride concentrations which indicate saltwater intrusion, and determine the current location, thickness, and chloride concentration of the freshwater-saltwater interface. The study is to take place over the next four years, and may offer crucial insight into the state of the aquifer and provide possible action steps the City could take to address any potential impacts to water quality, such as increased water conservation procedures. In addition, the City is planning a series of upgrades on the system's water tower and standpipe and is currently performing a study of the current system. The results of the USGS and City-directed studies will help to inform any future decisions related to the municipal water supply system.

As visionary policy documents, the potable water system recommendations provided in *the Comprehensive Plan Update* and the LWRP would not have any direct physical impacts on the environment. While the proposed action identifies potential future infrastructure projects and potential land use changes, any project or action requiring legislative or discretionary approvals (i.e., large-scale infrastructure projects, zone changes/variances, site plan approvals etc.) would still require a project/site-specific SEQRA review process that would analyze site-specific environmental impacts, including those to the City's water supply system and groundwater resources. This process would identify and address any improvements or upgrades required for a particular project or action.

3.3.4. Sanitary Sewer Service

The City's wastewater infrastructure comprises ten facilities – including three pump stations located throughout the City. The City of Long Beach Water Pollution Control Plant was originally built in 1951 with an overall design capacity capable of treating roughly 6.5 million gallons of sewage per day (mgd). The Plant was expanded in the late 1980s to accept an average daily design flow of 7.5 mgd. Despite this increased capacity, average flows have decreased in recent years, averaging 5.3 mgd in 2011 and 4.1 mgd in 2015, which can be partially attributed to

the City's water conservation efforts and infrastructure improvements, such as pipe replacements.

Despite the recent City-wide flow decreases, the City is continuing to pursue the conversion of the Plant to a regional pumping station for the Nassau County wastewater collection system. Nassau County's Bay Park facility is currently undergoing extensive upgrades including an 18-foot high perimeter wall to protect the plant from flooding. Consolidation of the vulnerable Long Beach Plant to the upgraded County plant is an important resiliency action for the City which will also have environmental benefits of more advanced treatment and the elimination of a bay outfall. This conversion would significantly reduce the vulnerability of Long Beach, lower costs and eliminate the need to perform future upgrades to the aging Water Pollution Control Plant.

As visionary policy documents, the sewer system recommendations provided in *the Comprehensive Plan Update* and the LWRP would not have any direct physical impacts on the environment. While the proposed action identifies potential future infrastructure projects and potential land use changes, any project or action requiring discretionary approvals (i.e., multi-jurisdictional projects, zone changes/variances, site plan approvals etc.) would still require a project/site-specific SEQRA review process that would analyze site-specific environmental impacts, including those to the City's municipal sewer system. This process would identify and address any improvements or upgrades required for a particular project or action.

4. Public Outreach

Throughout the process, public outreach was an important component that helped to formulate and refine the policies and projects central to this planning initiative. Critical to this effort, a diverse Citizens Advisory Committee (CAC) was formed, which included civic representatives, local business owners and community activists/organizers. In addition to regular meetings of the CAC, over 10 larger-scale public meetings (including neighborhood-specific meetings) were held to share key plan concepts and gather feedback from residents. Public outreach also included the establishment of special economics and arts focus groups, and the development of a project website where residents could share concerns and provide input on all aspects of the proposed action - from general themes and focus areas to specific policies and projects. The project team also implemented a City-wide survey, which received over 1,200 responses, plus additional comment cards at the public meetings, to receive feedback on the various planning concepts proposed for the Comprehensive Plan and LWRP. The meetings and public open

houses were widely advertised through flyers, advertisement, email blasts, automated phone calls, and the City's online outlets. Stemming from these public outreach efforts, the community developed the following vision to guide the Comprehensive Plan Update and LWRP:

Develop a vibrant and sustainable community, with a resilient economy and environment that protects and enhances safety, health, diversity, arts/culture, transportation, infrastructure and quality of life for current and future residents and guests of Long Beach.

5. Cumulative Impacts

For any proposed action, the State Environmental Quality Review Act (SEQRA) requires that the cumulative impacts of one or several (potential) actions must be considered together. The land use regulations recommended within the updated plan and LWRP are designed to increase sustainability by promoting mixed-use development, improving walkability/public access and encouraging participation in energy efficiency initiatives. These actions, whether considered independently or cumulatively, would not result in any adverse environmental impacts within the City. Long-term sustainable development and growth is a main component of the proposed action and plays a key role in the City's ability to recover from storm events. The proposed action is also in line with the regional goals and strategies set forth within the Long Island Regional Planning Council's *Long Island 2035 Regional Comprehensive Sustainability Plan*¹. The *Comprehensive Plan Update* and the LWRP provide for local-level visioning and implementation of these regional concepts, which include:

- E-7 Stimulate development and preservation of mixed-income workforce housing options
- T-2 Create vibrant, transit-supported communities
- I-4 Protect the Island's beaches and marine resources
- I-5 Develop a climate change resilience plan to anticipate sea level rise
- L-1 Establish development guidelines that serve to preserve open spaces and protect the natural environment
- L-4 Protect neighborhood character and provide for location-compatible and appropriate new development
- EQ-3 Catalyze social and economic development through arts and cultural programs
- EQ-4 Establish training, educational and employment centers for technical jobs in low-income and minority communities

¹ *Long Island 2035 Regional Comprehensive Sustainability Plan*, Long Island Regional Planning Council, December 2010.

- EQ-5 Meet the health needs of an aging, diverse and sedentary population

6. Conclusion

The proposed action would result in the adoption of an updated, citywide Comprehensive Plan and the adoption of a new LWRP. The proposed action establishes a vision for the future of the City rooted in resiliency – with a clear focus on the interactions between the community and the natural environment. The adoption of the proposed action would provide increased protection of the environment and would help to foster greater environmental stewardship among residents. The short, medium and long-term action items identified in the updated plan and LWRP would help to increase energy efficiency, reduce stormwater/surge flood impacts, enhance public access/use of the natural environment, increase multi-modal mobility, and spur sustainable economic development within the City. The prioritization of these actions will give the City a clear road map to guide future growth and development, ensuring that each project or initiative meets the goals and objectives of the Comprehensive Plan and LWRP.